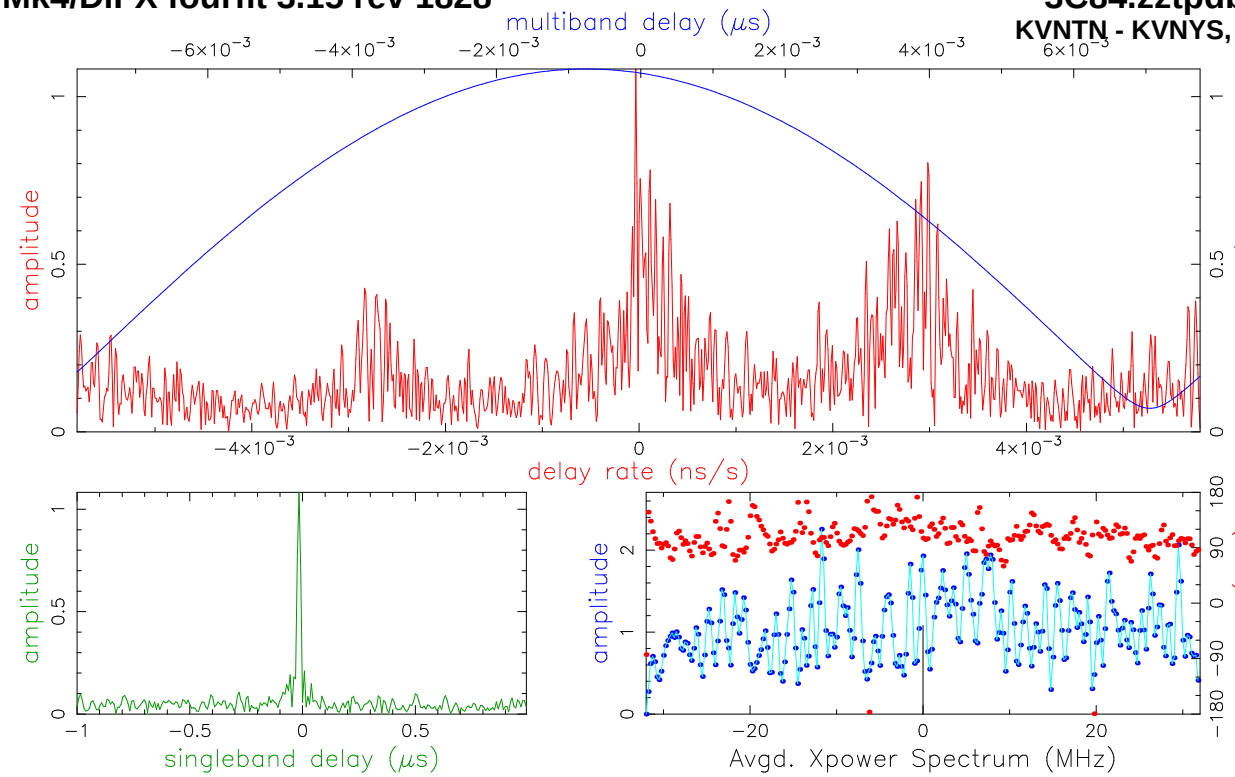
Mk4/DiFX fourfit 3.15 rev 1828

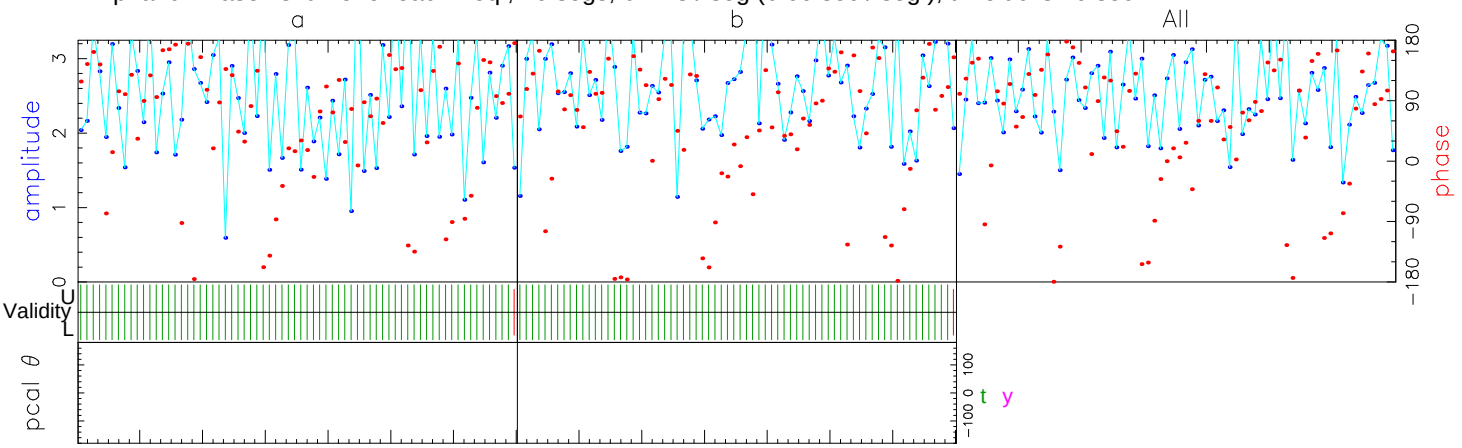
3C84.zztpdb, No0001, ty

KVNTN - KVNYS, fgroup W, pol LR



Fringe quality	9
SNR	30.3
Int time	418.979
Amp	1.083
Phase	198.1
PFD	0.0e+00
Delays (us)	
SBD	-0.015941
MBD	-0.000607
Fringe rate (Hz)	
	-0.003117
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	1.000
Exp.	c172a
Exper #	16383
Yr:day	2017:271
Start	193001.00
Stop	193700.00
FRT	193330.00
Corr/FF/build	
	2018:051:090218
	2018:052:094805
	2017:188:152524
RA & Dec (J2000)	
	03h19m48.1601s
	+41°30'42.104"

Amp. and Phase vs. time for each freq., 70 segs, 6 APs / seg (6.00 sec / seg.), time ticks 10 sec



	86156.00	86220.00	Freq (MHz)	All
	109.9	106.4	Phase	108.1
	1.0	1.2	Ampl.	1.1
	127.5	126.5	Sbd box	127.0
U/L	419/419	419/419	APs used	
t	0	0	PC freqs	
y	0	0	PC freqs	
t:y	0:0	0:0	PC phase	
t:y	0:0	0:0	Manl PC	
t	1000	1000	PC amp	
y	1000	1000		
t	W00UL,W00LL	W01UL,W01LL	Chan ids	
			Tracks	
y	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-1.76472649254E+02	Apriori delay (usec)	-1.76456417163E+02	Resid mbdelay (usec)	-6.07091E-04	+/-	1.6E-04
Sband delay (usec)	-1.76472358163E+02	Apriori clock (usec)	-8.9739981E+00	Resid sbdelay (usec)	-1.59410E-02	+/-	2.8E-04
Phase delay (usec)	-1.76456413678E+02	Apriori clockrate (us/s)	1.0999990E-08	Resid phdelay (usec)	3.48455E-06	+/-	6.1E-08
Delay rate (us/s)	-7.55822657327E-03	Apriori rate (us/s)	-7.55819038508E-03	Resid rate (us/s)	-3.61882E-08	+/-	5.0E-10
Total phase (deg)	-80.7	Apriori accel (us/s/s)	-3.65650314394E-06	Resid phase (deg)	198.1	+/-	1.9

	RMS	Theor.					
			Amplitude	1.083 +/- 0.036	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	75.3	15.8	Search (1024X8)	1.056	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	143.2	27.6	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	2.7	Inc. seg. avg.	2.439	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.006 0.006
amp/frq (%)	6.5	4.7	Inc. frq. avg.	1.081	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

t: az 307.2 el 74.6 pa 118.2 y: az 292.4 el 76.4 pa 100.2 u,v (fr/asec) 53.201 -657.743 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0001/ty..zztpdb Output file: /Exps/c172a/v2_v1_merge/merged/3mm/1234/No0001/ty.W.11.zztpdb